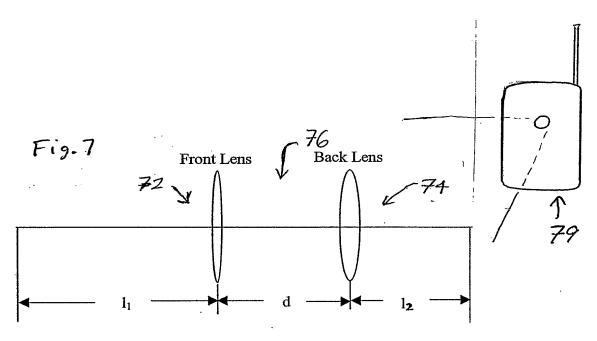


Fig. 5



l₁: object distance,

l₂: image plane distance,

d: lens spacing,

f₁: focal distance of the front (object side) lens,

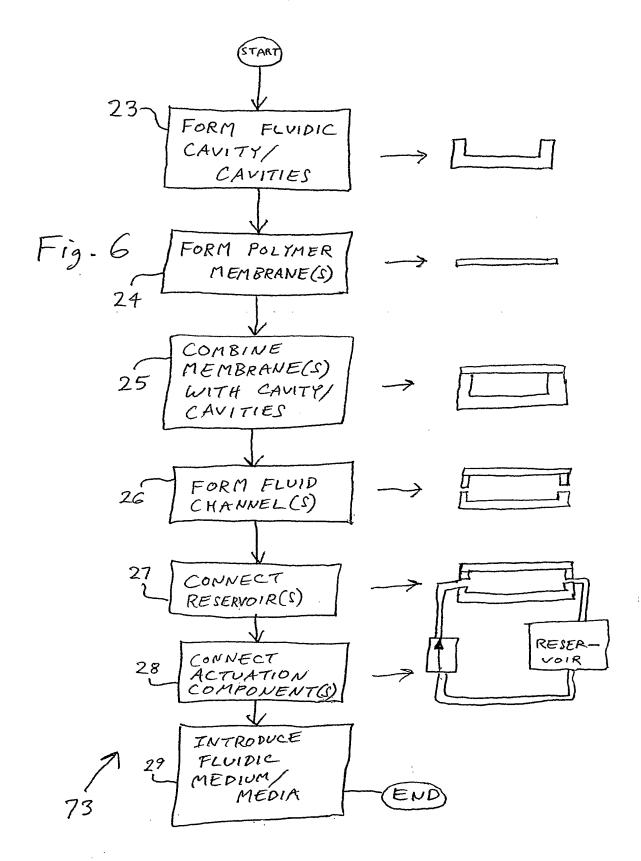
f₂: focal distance of the back (image side) lens,

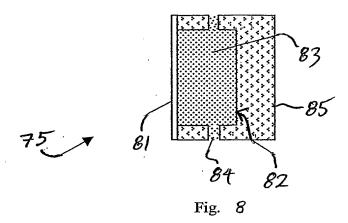
 $\Phi_1 = 1/f_1,$

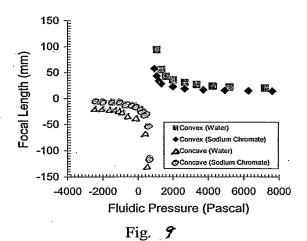
 $\Phi_2 = 1/f_2$,

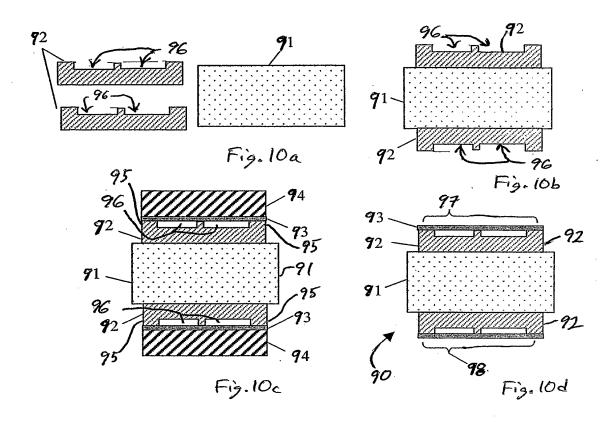
 Φ_{τ} = 1/f: power of the zoom lens system,

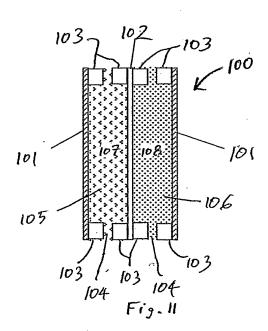
ZR (zoom ratio)

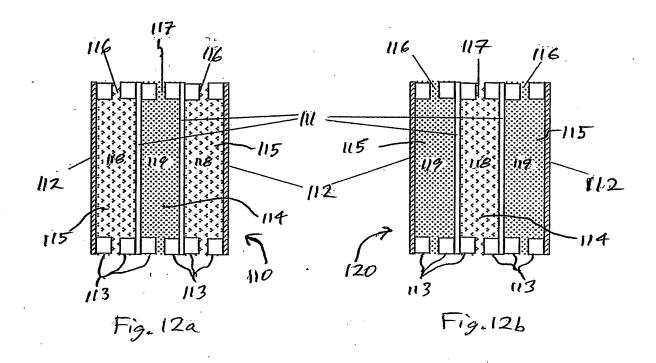


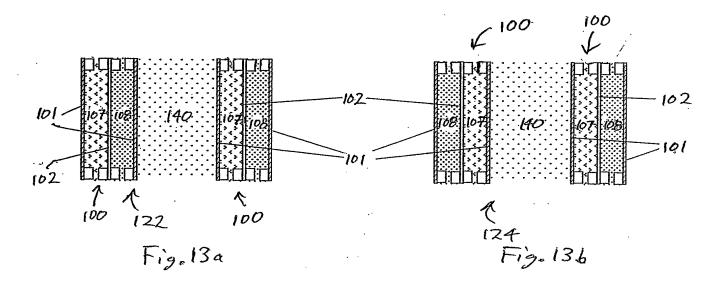












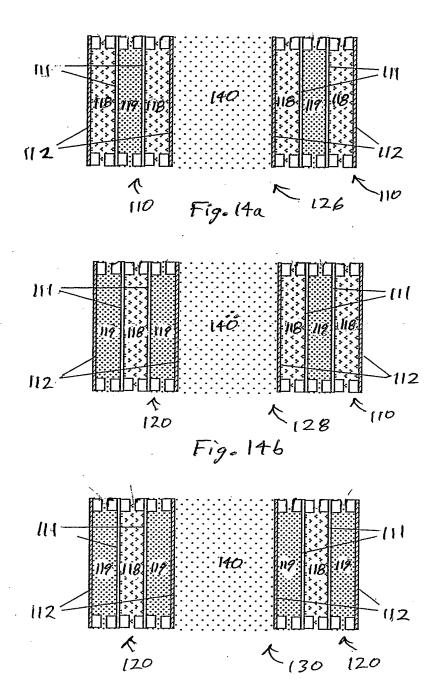


Fig. 14c

